

Abstract

An apparatus (10) comprises a hydraulic fluid operated automatic transmission (20) for transmitting motive power from an engine (22) of a vehicle (16) to drive wheels (24) of the vehicle. The apparatus (10) also includes a hydraulic fluid power assisted steering gear (12) for effecting steering movement of steerable wheels (14) of the vehicle (16), the steering gear including a fluid motor (19). The apparatus (10) includes one body of hydraulic fluid (30) for operating both the transmission (20) and the steering gear (12), and one reservoir (32). A transmission pump (40) connected with the reservoir (32) pumps fluid (30) between the reservoir and the transmission (20). A power steering pump (34) connected with the reservoir (32) pumps fluid (30) between the reservoir and the motor (19). One of the pumps (40, 34) is operative to pump fluid (30) between the reservoir (32) and a cooler (50).